



WESTERN ORE OPERATIONS
P. O. BOX 569
LANDER, WYOMING 82520

April 8, 1981

Mary Ann Wright
Department of Natural Resources
1588 West North Temple
Salt Lake City, UT 84116

Re: Desert Mound Mine
ACT/021/003
Iron County, Utah

Dear Ms. Wright:

In response to your letter of March 12, 1981 and our meeting of March 11, the following information is provided to clarify the mine plan approval.

1. We have changed our plans for the 60 acres of haulage roads that you inquired about. We now feel that we should show that 60 acres as being reclaimed also. The bond estimate sheet should then reflect an additional 60 acres at \$200/acre for a subtotal of \$79,450. The total at the end of 5 years would then be \$146,381.
2. The pits are mined on bench levels of 25' with a 25' safety berm left in place on every other mining bench. This results in an overall wall slope of 45° (see attached sketch). This wall slope has proven to be stable in many years of mining in this location. A safety rick of mine run waste rock approximately 6' high is dumped around the pit perimeter for safety purposes.
3. We have been working with the Soil Conservation Service in formulating a trial seed mixture, that will be planted this spring. The mixture that they recommend is as follows:

Grass:

Indian Ricegrass	2#/acre
Fairway Crested Wheat-grass	1#/acre
Rosana Western Wheatgrass	2#/acre
Tegmar Intermediate Wheatgrass	2#/acre

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Forbes:

Ladak Alfalfa	1#/acre
Yellow Sweetclover	1#/acre
Small Burnet	1#/acre

Shrubs:

Antelope Bitter- brush	$\frac{1}{2}$ #/acre
Squaw bush	$\frac{1}{4}$ #/acre
Four-Wing Saltbrush	$\frac{1}{4}$ #/acre

Total	11#/acre
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4. See Item #1 on bonding. As to the form of surety, our Legal people would prefer that we go with a regular bond.
5. If there is additional information required in order to expedite the mine plan approval please let us know.

Sincerely,

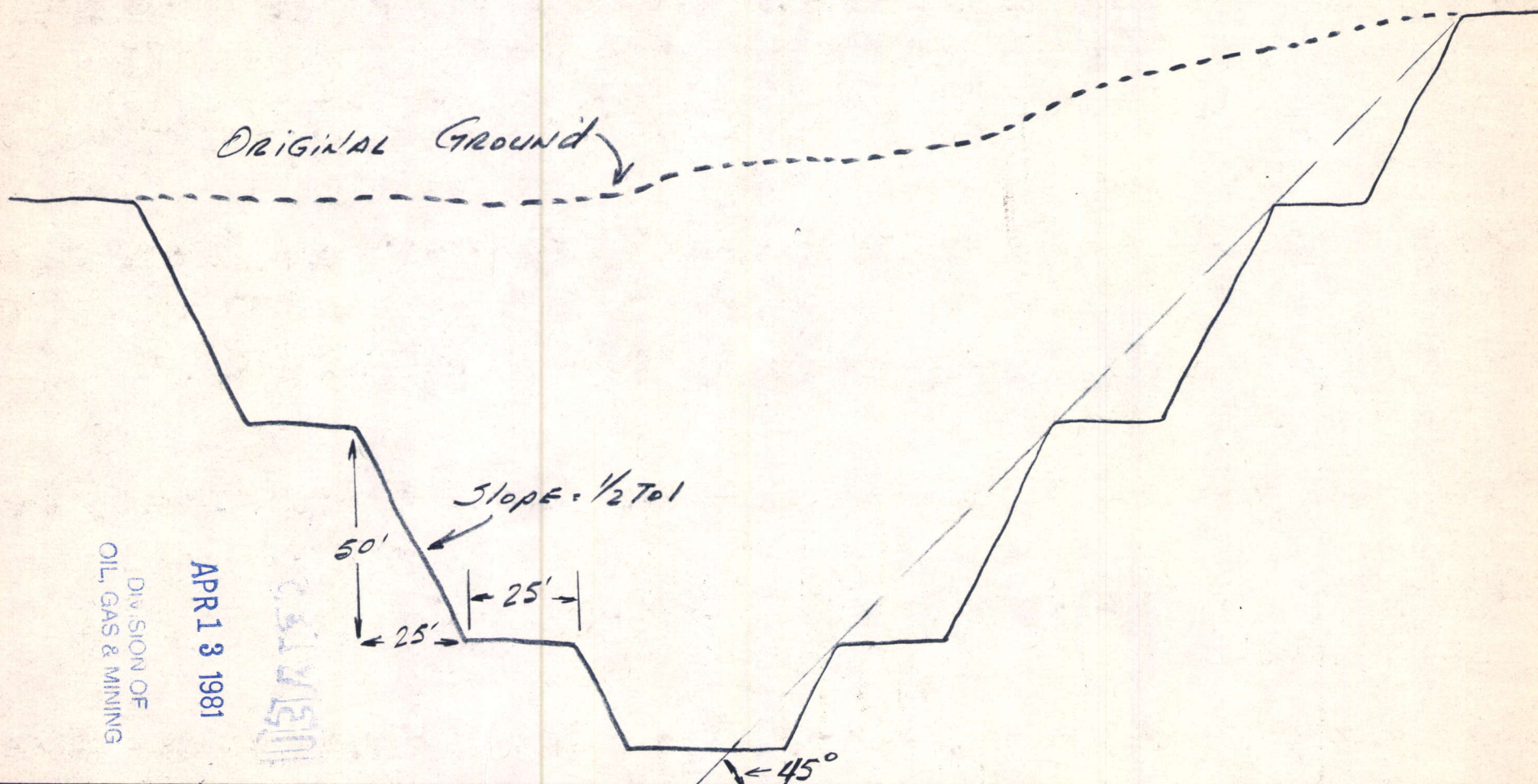


Laurence Ashdown
Chief Engineer
Western Ore Operations

LA/br

Enclosure

cc: D. F. Widmayer
R. Benson
R. Johnson
B. Gardner



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REVISIONS _____

WESTERN ORE
UNITED STATES
Engineering



OPERATIONS
STEEL CORPORATION
Department

DRAWN BY LA

DATE _____

CHECKED BY _____

DATE _____

ENG. NO. _____

NO SCALE

DRAWING NO.

TYPICAL SECTION
OPEN-PIT MINE

M/02/1003